

Wireless E9-1-1 Project Status (4th Quarter 2002)

Prepared by: John Marengo

Description: The project manager provides the quarterly status report describing the significant activities of each deliverable and any deviation to scope, schedule, and resources. Ref: Communication Plan.

Web site address. Wireless E9-1-1 project information is posted at: <http://www.td.dgs.ca.gov/Services/911/we911>.

Summary: In the fourth quarter of 2002 we experienced more delays in the Los Angeles (LA) regional implementation, primarily as a result of delays in the filing of wireless E9-1-1 tariffs by the two enhanced 9-1-1 wire-line service providers, SBC/Pacific Bell (SBC) and Verizon. On 11/13/02 SBC did gain approval from the California Public Utilities Commission (CPUC) to provide Wireless E9-1-1 services (W E9-1-1), after filing their tariff with the commission the previous month. This opened the door for implementations to proceed for those public safety answering points (PSAPs) served by SBC. However, as of 12/31/02, Verizon had yet to file their tariff, which did impact the LA County network plan and complicated all LA implementations. Furthermore, Phase II testing at LA PSAPs continued to reveal interfacing problems between the wireless service provider (WSP) data delivery systems and those of SBC. This resulted in further delays for LA County.

As a result of the delays noted above, the State 9-1-1 Office continued to shift resources toward the San Francisco Bay Area regional implementation. State 9-1-1 Office staff continued to solicit Bay Area PSAP participation by providing information on the Wireless Project and its implications. It is important to note that the Verizon tariff delays impacting Los Angeles PSAPs will not impact Bay Area PSAPs, where SBC is the sole provider of E9-1-1 network and database services.

1. Wireless E9-1-1 Main Project Overview.

- **ILEC Tariffs.** The SBC W E9-1-1 tariff approved on 11/13/02 includes a per call charge of \$0.13 and a per PSAP charge of \$9,250. Verizon has had many discussions with the State 9-1-1 Office but has yet to file with the CPUC.
- **Wireless ALI Issues.** Phase II testing with Intrado, SBC, and Verizon Wireless revealed the following issues:
 - Intrado's current database platform cannot meet the State of CA W-ALI format to which they had previously agreed. If they deliver the Phase I Thomas Brothers map data, then they cannot deliver a callback number. Also, Intrado cannot provide the sector directional in the location field as agreed. These issues affect Verizon Wireless, AT&T Wireless, and most likely Sprint PCS, all of which utilize the services of Intrado. Intrado has referred these issues to their software developers but have no target dates for completion.
 - The SBC Modified PAM interface does not support all four data fields for Phase II. Hence, SBC will be implementing their planned E2+ interface but must test it first. There is no target date yet.
- **New Wireless E9-1-1 Information on Website.** The State 9-1-1 Office posted a description of the wireless project, a list of 50 Frequently Asked Questions (FAQs), and the new W-ALI "Format 92" and various other documents to its web site at: <http://www.td.dgs.ca.gov/Services/911/we911>.
- **Federal Communications Commission (FCC) Order 02-318.** This FCC Order, released 11/26/02 clarifies the Richardson Texas ruling regarding what constitutes a valid PSAP request for Phase II service. It allows WSPs additional time, beyond six months, to implement service if a PSAP is not ready to receive and use the Phase II data being delivered. See: http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-02-318A1.doc.

2. W E9-1-1 Implementation (CHP LACC & LA PSAPs) Subproject.

- **CHP LA Communications Center (LACC).** The CHP will not proceed with their LA implementation at the LACC, until the wireless data is delivered in the formats previously agreed to by providers. Of particular note is the lack of Thomas Brothers data from those WSPs aligned with Intrado (see above).
- **LA Region Local PSAPs.** The State 9-1-1 Office is continuing to work with the 19 local LA PSAPs in order to implement W E9-1-1 wherever feasible at these PSAPs. Many issues have been revealed and are now being addressed as a result of testing with Torrance Police Department. The lack of a Verizon tariff is now the single biggest issue impacting this region.

3. W E9-1-1 Implementation (SF Bay Area Region) Subproject.

- **SF CECC WSP Status.** SF CECC has placed Phase II on hold until more is known about various Phase II solutions.
- **CHP Vallejo Communications Center Status.** CHP has re-started their bid process for eight E9-1-1 upgrades to existing communications centers, including the Vallejo center. As a result, the formal CHP request letters to WSPs serving the region have been held up pending a target installation date. There can be no Wireless E9-1-1 service at the CHP centers until their phone systems are enhanced to become E9-1-1 capable.
- **Other Bay Area PSAPs.** As of 12/31/02, the State 9-1-1 Office had received letters of agency from 27 Bay Area primary PSAPs that have agreed to answer wireless calls directly. Formal PSAP request letters will be mailed to WSPs in the 1st quarter of 2003, meaning implementations should start in the 2nd quarter and complete by the 3rd quarter.

4. Monthly meetings. The State hosts an open meeting on the second Friday of each month at the Telecommunications Division in Sacramento. Contact John Marengo (9-1-1 Office) at john.marengo@dgs.ca.gov for further information.